

IN THE CLAIMS:

The following is a complete listing of the claims. This listing replaces all earlier versions and listings of the claims.

Claims 1-31 (canceled)

Claim 32 (new): A method of controlling processing of a computer document by a computer peripheral, the computer document comprises a plurality of sub-parts to which is associated a predetermined order of processing, said method comprising the steps of:

acquiring context data indicative of at least one of a type of information contained in a sub-part of the plurality of sub-parts and an operating characteristic of the computer peripheral; and

modifying the predetermined order of processing by the computer peripheral of the sub-parts of the computer document according to the acquired context data.

Claim 33 (new): A method according to Claim 32, wherein said acquiring step includes analyzing the content of the sub-parts for determining the types of information contained in each sub-part.

Claim 34 (new): A method according to Claim 33, wherein said modifying step is performed according to a combination of types of information contained in each sub-part.

Claim 35 (new): A method according to claim 34, wherein the sub-parts containing a combination of types of information that is faster to process than the combinations of types of information contained in other sub-parts are processed before the processing of the other sub-parts.

Claims 36 (new): A method according to claim 33, wherein said acquiring step includes calculating, for each of at least one of the types of information contained in a sub-part of the computer document, a ratio representative of the proportion of the type of information within a combination of types of information in the sub-part.

Claim 37 (new): A method according to claim 36, wherein said modifying step is performed according to the combination of types of information contained in each sub-part and the calculated ratio for each of the at least one of the types of information contained in the combination.

Claim 38 (new): A method according to claim 37, wherein the types of information where the calculated ratio is under a predetermined threshold are not taken into account in modifying the predetermined order of processing of the sub-parts.

Claim 39 (new): A method of controlling printing of a computer document by a printer, the computer document comprising a plurality of pages to which is associated a predetermined printing order, said method comprising the steps of:

acquiring context data indicative of at least one of a type of information contained in a page and an operating characteristic of the printer; and

modifying a predetermined printing order of the pages of the computer document according to the acquired context data.

Claim 40 (new): A method according to claim 39, wherein said acquiring step includes analyzing the content of the pages for determining the types of information contained in each page.

Claim 41 (new): A method according to claim 40, wherein said acquiring step includes calculating, for each of at least one of the types of information contained in a page of the computer document, the size of the area occupied by the type of information in the page.

Claim 42 (new): A method according to claim 41, wherein said modifying step is performed according to a combination of types of information contained in the pages of the computer document and the calculated size of each of the at least one of the types of information contained in the combination.

Claim 43 (new): A method according to claim 42, wherein the types of information where the calculated size is under a predetermined threshold are not taken into account for modifying the predetermined printing order of the pages.

Claim 44 (new): A device for controlling processing of a computer document by a computer peripheral, the computer document comprising a plurality of sub-parts to which is associated a predetermined order of processing, said device comprising:

acquisition means for acquiring context data indicative of at least one of a type of information contained in a sub-part and an operating characteristic of the computer peripheral; and

modification means for modifying the predetermined order of processing by the computer peripheral of the sub-parts of the computer document according to the acquired context data.

Claim 45 (new): A device for controlling the printing of a computer document by a printer, the computer document comprising a plurality of pages to which is associated a predetermined printing order, said device comprising:

acquisition means for acquiring context data indicative of at least one of a type of information contained in a page and an operating characteristic of the printer; and

modification means for modifying the predetermined printing order of the pages of the computer document according to the acquired context data.

Claim 46 (new): A device according to claim 45, wherein said acquisition means comprises analyzing means for analyzing the content of the pages for determining the types of information contained in each page.

Claim 47 (new): A device according to claim 46, wherein said acquisition means contains calculation means for calculating, for each of at least one of the types of information contained in a page of the computer document, the size of the area occupied by the type of information in the page.

Claim 48 (new): A device according to claim 47, wherein said modification means performs modification of the predetermined printing order according to a combination of types of information contained in the pages of the computer document and the calculated size of each of the at least one of the types of information contained in the combination.

Claim 49 (new): A device according to claim 48, wherein the types of information for which the calculated size is under a predetermined threshold are not taken into account in modifying the predetermined printing order of the pages.

Claim 50 (new): A computer-readable storage medium storing a computer program product for controlling processing of a computer document by a computer peripheral, the computer document comprising a plurality of sub-parts to which is associated a predetermined order of processing, said program comprising:

code for acquiring context data indicative of at least one of a type of information contained in a sub-part and an operating characteristic of the computer peripheral; and

code for modifying the predetermined order of processing by the computer peripheral of the sub-parts of the computer document according to the acquired context data.